

National Human Genome Research Institute



# Short Course in Genomics

Nurse, Physician Assistant and Faculty Track

## **AGENDA**

**National Institutes of Health  
National Human Genome Research Institute  
Genomic Healthcare Branch  
August 8-11, 2017  
Bethesda, MD  
Building 31, C Wing, Sixth Floor**

**DAY 1: Tuesday, August 8: GENOMICS ACROSS THE HEALTH CARE CONTINUUM: ROOM 10**

| <u>TIME</u>       | <u>ROOM</u>   | <u>SPEAKER</u>                                | <u>TOPIC</u>                               |
|-------------------|---------------|---|--|
| 9:00am – 9:15am   | (15 min)      | Laura Lyman Rodriguez, Ph.D.                  | NHGRI Welcome                              |
| 9:15am – 9:45am   | (30 min)      | Donna Messersmith, Ph.D. and Bob Wildin, M.D. | Welcome/Ice Breaker                        |
| 9:45am – 11:00am  | (1 hr 15 min) | Bob Wildin, M.D.                              | Genomics Primer                            |
| 11:00am – 11:15am | (15 min)      | BREAK   |  |
| 11:15am – 12:30pm | (1 hr 15 min) | Kathleen Calzone, Ph.D., R.N., AGN-BC, FAAN   | Genomics Across the Health Care Continuum, |
| 12:30pm – 1:30pm  | (1 hr)        | LUNCH   |  |
| 1:30pm – 3:00pm   | (1.5 hrs)     | Speaker TBD                                   | Overview of the Genetic Testing Registry   |
| 3:00pm – 3:15pm   | (15 min)      | BREAK   |  |
| 3:15pm – 4:15pm   | (1 hr)        | Vence Bonham, J.D.                            | Equity in Treatment and Health Disparities |
| 4:15pm – 4:45 pm  |               | <b>EVALUATION: ONLINE</b>                     |  |
| 5:00 pm – 6:00 pm | 4B31          | Optional: G3C Feedback Session                |  |

**DAY 2: Wednesday, August 9: GENOMICS RESOURCES AND ISSUES: Room 10**

| <b><u>TIME</u></b>   | <b><u>ROOM</u></b> | <b><u>SPEAKER</u></b>   | <b><u>TOPIC</u></b>                                  |
|--|--------------------|---|--|
| <i>(Possible appointments 8 – 9am)</i><br>9:00am – 10:00am | (1 hr)             | PANEL: <i>(Discuss the basics of competencies with potential applications for integration into curricula or practice, what are differences, where is “cross-talk” and opportunities for inter-professional education)</i> | Nurse and PA Competency Review and Discussion        |
| 10:00am – 11:00am  | (1 hr)             | Speaker TBD   | Pharmacogenomics                                     |
| 11:00am – 11:15am  | (15min)            | BREAK   |  |
| 11:15am - 12:15pm  | (1 hr)             | Barb Biesecker, Ph.D.   | Genetic Counseling                                   |
| 12:15 pm – 1:15pm  | (1 hr)             | LUNCH   |  |
| 1:15pm - 2:15pm  | (1 hr)             | Speaker TBD   | Genomics and Ethical, Legal, and Social Implications |
| 2:15pm -2:30pm   |                    | BREAK   |  |
| 2:30pm – 4:00pm  | (1.5 hr)           | Donna Messersmith, Ph.D.  | Genomic Educational Resources                        |
| 4:00pm – 5:00pm  | (1 hr)             | <b>Panel Discussion: Genomics in Practice and in</b>  | Challenges of Implementing/Educating about           |

|                 |         |   |  |
|-----------------|---------|---|--|
|                 |         | <b>the Academic Environment</b> ( <i>Each panel member gives introductions for 20 min total; then about 35 min in small groups in which participants pick one of the presenters to discuss/listen/explore ideas</i> ) | Genomics in Academic and Clinical Settings |
|                 |         |   |  |
| 5:00pm - 5:15pm | (15min) | <b>Evaluation</b>   |  |
|                 |         |   |  |
| 5:15pm -5:45pm  | (30min) | OPTIONAL: Kathy Calzone, Ph.D., R.N., AGN-BC, FAAN: Omics Nursing Science & Education Network (ONSEN); Research Focus: for those interested in integrating genomics into nursing science research                     |  |
|                 |         |   |  |
| 6:00pm – 8:00pm |         | OPTIONAL: Group Dinner (self-pay)   |  |

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|  |                    |                       |   |                    |  |   |
| <b>DAY 3: Thursday, August 10: IMPLEMENTING GENOMICS</b>   |                    |                       |   |                    |  |   |
|  |                    |                       |   |                    |  |   |
|  | <b>Educator</b>    |                       |   | <b>Provider</b>    |  |   |
| <b><u>TIME</u></b>   | <b><u>ROOM</u></b> | <b><u>SPEAKER</u></b> | <b><u>TOPIC</u></b>   | <b><u>ROOM</u></b> | <b><u>SPEAKER</u></b>                    | <b><u>TOPIC</u></b>   |
| <i>(Possible appointments 8 – 9am)</i><br>9:00am – 10:00am | 1 hr               | Panel                 | Strategies and Interdisciplinary Resources for Integrating Genomics into Nursing Education: Stories of integration and achievements in different settings | 1 hr               | Panel                                    | Pharmacogenetics and Clinical Integration   |
|  |                    |                       |   |                    |  |   |
| 10:00am – 10:15am  |                    | <b>BREAK</b>          |   | <b>BREAK</b>       |  |   |
|  |                    |                       |   |                    |  |   |
| 10:15am - 11:15am  | (1 hr)             | Speaker TBD           | Curriculum Mapping  | (1 hr)             | Kathy Calzone, Ph.D., R.N., AGN-BC, FAAN | Strategies and Challenges in Interdisciplinary Genomic Integration into Practice-MINC Model (clinical integration); |
| 11:15am – 12:15pm  | (1 hr)             | Speaker TBD           | PA Competencies and PA Curriculum Integration   | (1 hr)             | Speaker TBD                              | MINC Toolkit  |
|  |                    |                       |   |                    |  |   |
| 12:15pm – 1:15pm   | <b>LUNCH</b>       |                       |   | <b>LUNCH</b>       |  |   |
|  |                    |                       |   |                    |  |   |
| 1:15pm – 2:15pm  | (1 hr)             | Speaker TBD           | Strategies for Genomic  | (1 hr)             | Sharon Flynn,                            | MINC Implementation in the  |

|                 |                |   |                                 |                |  |   |
|-----------------|----------------|---|---------------------------------|----------------|--|---|
|                 |                |   | Integration into the Curriculum |                | MS, RN, ANP-BC, AOCNS, BMTCN   | Clinical Center: <b><i>Exemplar.</i></b> Implementation of clinical competencies. |
|                 |                |   |                                 |                |  |   |
| 2:15-2:30       | (15min)        | BREAK   |                                 | (15min)        | BREAK  |   |
|                 |                |   |                                 |                |  |   |
| 2:30pm - 3:45pm | (1 hr, 15 min) | Interactive Working Session: Participants bring curricula from their schools, including syllabi, objectives, lecture titles, etc. Participants receive guidance on where and how to integrate genomics. |                                 | (1 hr, 15 min) | Interactive Working Session: Participants come prepared to discuss integration strategies within their healthcare environment. |   |
| 3:45pm-4:00pm   |                | Evaluation of Educator Track  |                                 |                | Evaluation of Provider Track   |   |
| 4:00pm-4:15pm   |                | Conversational Evaluation among full group  |                                 |                |  |   |
| 4:15pm-4:30pm   |                | Online Evaluation   |                                 |                |  |   |
| 4:45pm-5:45pm   |                | Tour participants meet in Clinical Center Atrium; Tour of Clinical Center   |                                 |                |  |   |

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| <b>DAY 4: Friday, August 11: IMPLEMENTING GENOMICS, part 2</b>   |  |  |  |
| <i>OPTIONAL REPEAT DAY 3, DEPENDING UPON REQUESTS FROM ACCEPTED PARTICIPANTS (enables participants to take the second track)</i> |  |  |  |